

TABLE 10.1.RME  
RISK SUMMARY  
REASONABLE MAXIMUM EXPOSURE  
The Dean Company

Scenario Timeframe: Future
Receptor Population: Resident
Receptor Age: Adult

Medium	Exposure Medium	Exposure Point	Chemical	Carcinogenic Risk					Non-Carcinogenic Hazard Quotient						
				Ingestion	Inhalation	Dermal	External (Radiation)	Exposure Routes Total	Primary Target Organ(s)	Ingestion	Inhalation	Dermal	Exposure Routes Total		
Groundwater	Groundwater	Aquifer 1 - Tap Water	Bis(2-ethylhexyl)phthalate	7E-07	--	1E-06	--	2E-06	Liver	0.007	--	0.01	0.02		
			Chloroform	5E-07	--	1E-06	--	2E-06	Liver	0.03	--	0.05	0.08		
			Heptachlor	1E-03	--	6E-04	--	2E-03	Liver	2	--	0.8	3		
			Manganese	--	--	--	--	--	Central Nervous System	17	--	--	17		
			Chemical Total	1E-03	--	6E-04	--	2E-03		19	--	0.8	20		
		Exposure Point Total						2E-03					20		
	Exposure Medium Total							2E-03					20		
	Air	Water Vapors from Showerhead	Chloroform	--	1E-05	--	--	1E-05	Liver	--	5	--	5		
			Heptachlor	--	1E-03	--	--	1E-03		--	--	--	--		
			Chemical Total	--	1E-03	--	--	1E-03		--	5	--	5		
	Exposure Point Total							1E-03					5		
	Exposure Medium Total							1E-03					5		
Groundwater Total								3E-03					25		
Soil	Soil	Soil at Site 1	4,4'-DDE	1E-06	--	--	--	1E-06	--	--	--	--	--		
			4,4'-DDT	5E-06	--	5E-07	--	6E-06	--	--	--	--	--		
			Chemical Total	6E-06	--	5E-07	--	7E-06		--	--	--	--		
			Exposure Point Total					7E-06					--		
			Exposure Medium Total					7E-06					--		
Soil Total								7E-06					--		
Receptor Total								3E-03					25		
Total Risk Across All Media								3E-03	Total Hazard Across All Media						
												Total Liver HI Across All Media =	8		
												Total Central Nervous System HI Across All Media =	17		

The information in this example table is for illustration only. The site screening threshold was determined by the RPM.